



IP-8PT-5DZ25A

TitanIR PTZ

8MP 25x IR PTZ Camera

- 8MP Output (3840 × 2160) @ 30 fps
- 1/1.8" STARVIS™ CMOS Image Sensor
- 25x Optical Zoom
- Min. Illumination of 0.005 Lux @ F1.6, 0 Lux with IR LED On
- IR LED, Built-in, up to 492 ft
- H.265/H.264 with Flexible Coding
- TitanTracking



- Intelligent Motion Detection for Human & Vehicle
- AI-based Perimeter Protection
- Supports Face Detection
- Built-in Micro SD Card Slot, Up to 512 GB
- 24 V DC/PoE+ Power Supply
- IP67 & IK10 Protection Rating

SPECIFICATION

Camera

Image Sensor	1/1.8" 8Megapixel progressive CMOS
Max. Resolution	3840 (H) × 2160 (V)
Min. Illumination	Color: 0.005 lux@F1.6, B/W: 0.0005 lux@F1.6, 0 Lux with IR light on
Shutter	Electronic 1/1 s-1/30, 000 s
S/N Ratio	> 55 dB
Noise Reduction	2D NR, 3D NR
Wide Dynamic Range	120 dB
Day & Night	Auto(ICR)/Color/B/W
Zoom	25x optical
Focal Length	5.4 mm~135 mm
Aperture	F1.6~F4.0
Field of View	H: 61.6°~3.6°; V: 35.7°~2°; D: 66.6°~4°
Close Focus Range	0.33 ft~6.56 ft (0.1 m~2 m)
DORI	Detect: 353.02 ft – 8858.27 ft (107.6 m – 2700 m) Observe: 141.08 ft – 3541.67 ft (43 m – 1079.5 m) Recognize: 70.54 ft – 1771.00 ft (21.5 m –

	539.8 m)
	Identify: 34.45 ft – 885.83 ft (10.5 m – 270 m)
Illuminator	4 (IR LED)
Illumination Range	492.13 ft (150 m)
Illuminator Control	Auto; manual;
Control Speed	Manual, Pan: 0.1°/s-250°/s; Tilt: 0.1°/s-140°/s
Power-off Memory	Yes

Video

Video Compression	H.265; H.264; MJPEG(Sub Stream 1);
Smart Codec	Supported
Resolution	8M(3840x2160);3.5M (2560 × 1440); 3M (2048 × 1536); 2.9M(2304x1296);1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA(640x480);CIF (352 × 288/352 × 240)
Video Frame Rate	Main stream: 8M/3.5M/3M/2.9M/1080p/1.3M/720p (1–30 fps)Sub stream 1: D1/VCA/CIF (1–30 fps)Sub stream 2: 1080p/1.3M/720p (1–30 fps)
Video Stream	3 streams
Bit Rate Control	CBR, VBR
Video Bit Rate	H.264: 96 Kbps - 14848 Kbps H265: 38 Kbps - 8960 Kbps
ROI	Supported
Image Rotation	180°



Image Enhancement	BLC, HLC, 3D NR
Defog	Electronic
Image Stabilization	Electronic
Privacy Mask	Supported

PTZ

Range	Pan: 0°-360° endless, Tilt: -15° to 90°, auto flip 180°
Pan Speed	Manual Control: 0.1°/s-250°/s Preset: 250°/s
Tilt Speed	Manual Control: 0.1°/s-140°/s Preset: 140°/s
Preset	300
Patrol	8
Pattern	5
Scan	5
Scheduled Task	Preset, Pattern, Tour, Scan
Preset Freezing	Supported
3D Positioning	Supported

Intelligent Analysis

VCA+ (Perimeter Protection)	Tripwire; intrusion; crossing fence detection; loitering detection; abandoned/missing object; parking detection; people gathering; linkage tracking
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Intelligent Motion Detection	Yes, support alarm triggered by vehicle and human
Face Detection	Supported
AiPick+	Not Supported
Deep Learning Function	People Counting, video metadata
TitanTracking	Supported

Audio

Built-in Mic	Not Supported
Built-in Speaker	Not Supported
Audio Compression	PCM; G.711a; G.711Mu;
Audio Bitrate	Sampling rate :PCM(8000Hz; 16000Hz; 32000 Hz) G.711A(8000 Hz); G.711Mu(8000 Hz;)

Event

Basic Event	Motion/tampering detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection
Alarm Linkage	Capture; recording; send email; preset; tour; pattern; alarm digital output; audio; warning light

Network

Protocol	HTTP;HTTPS;TCP/IP;IPv4;RTSP;SMTP;NTP;DHCP;DNS;DDNS;IPv6;802.1x;SSL;Qos;FTP;UPnP;
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SNMP;ARP;RTCP;RTP;PPPoE;RTMP;Bonjour;NFS

Interoperability	ONVIF (Profile S&G&T); CGI; SDK
Storage	Micro SD card (512 GB); FTP/SFTP; NAS
Web Browser	IE 9 and later versions Chrome 41 and later versions Firefox 50 and later versions
Client	IOS;Android

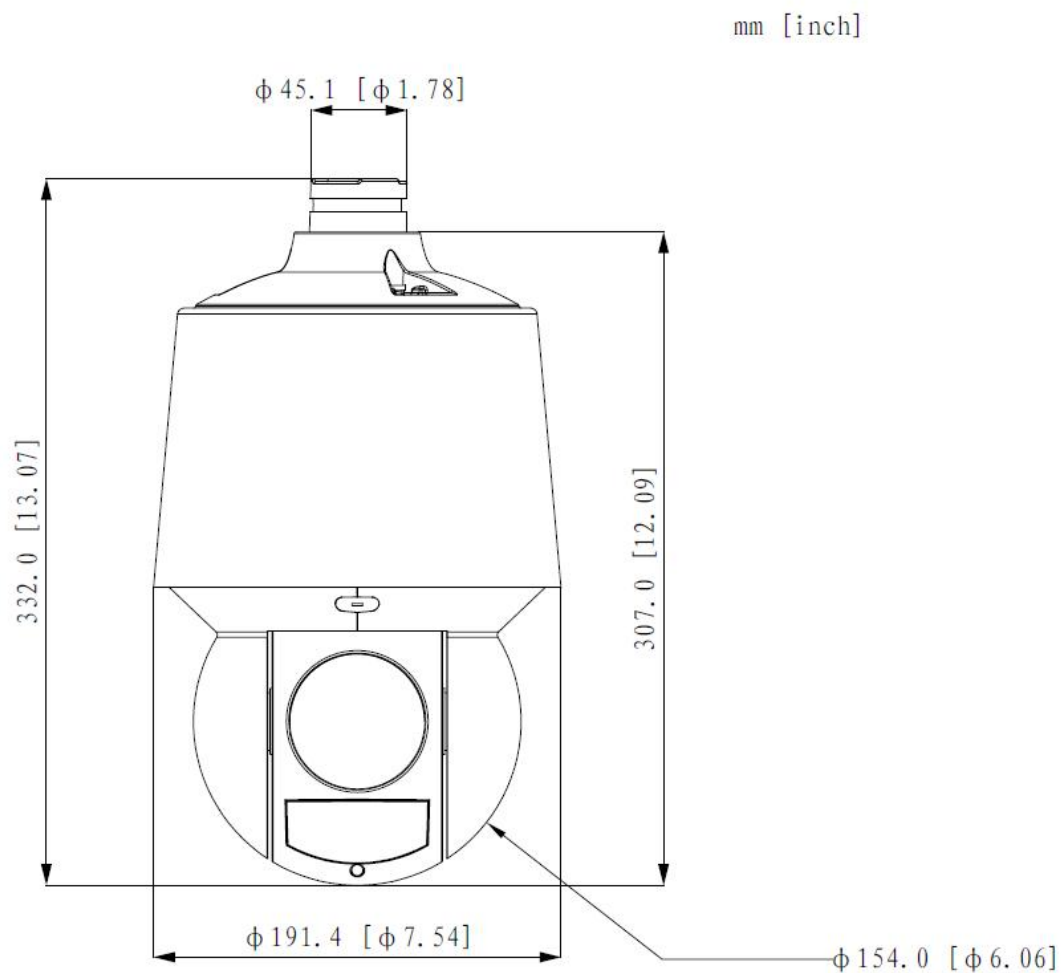
Interface

Ethernet Interface	RJ-45 (10/100 Base-T)
Alarm I/O	2 input, 1 output
Audio I/O	1 input, 1 output

General

Power	24V DC/ PoE+ (802.3at)
Power Consumption	Max. 23 W
Material	Metal
Dimensions	Φ7.52" × 13.07" (Φ191 mm × 332 mm)
Operating Conditions	-40 °F to +158 °F (-40 °C to +70 °C)
Protection	IP67, IK10
Gross Weight	17.64 lb (8 kg)
Net Weight	10.36 lb (4.7 kg)
EMC	FCC, IC

Dimension



ACCESSORIES



A08



W02



E02



D01



Mount Adapter

Wall Mount Bracket

Ceiling Mount Bracket

IP66 Junction Box



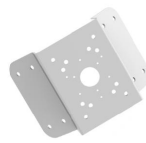
J10

Junction Box



P01

Pole Mount Bracket



C01

Corner Mount Bracket



R01

Parapet Mount Bracket